

**Notice of Allowability**

Application No.

10/777,617

Applicant(s)

CHEN, CHUN-SHAN

Examiner

Hemant M Desai

Art Unit

3721

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed on 2/9/2004.
2. ☒ The allowed claim(s) is/are 1.
3. ☒ The drawings filed on 09 February 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_

  
EUGENE KIM  
PRIMARY EXAMINER

### REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance: The prior art of record fails to disclose the claimed apparatus for installing a zipper slider to a zipper bag, including: the injecting device (6, fig. 4) is a pressure-driven levering system including a gas cylinder, a connecting tube (611, fig. 4) with one end connected to an urging terminal of said gas cylinder, a movable frame (62, fig. 3) connected to another end of the connecting tube, a bracket (60, fig. 3) housing the connecting tube and the movable frame, the connecting tube is provided with a push rod (610, fig. 3) therein and a spring (611, fig. 3) at a rear end of the push rod, the movable frame is supported by a pair of guiding frames (63, fig. 3) respectively against an upper surface and a lower surface thereof and is connected to a positioning head (64, fig. 3) at a front end thereof, the positioning head is pivotally connected to a pair of hook members (65, fig. 4) respectively on an upper surface and a lower surface thereof, the hook members each having a hooked piece (650, fig. 4) at one end and a guiding piece (651, fig. 4) at another end, the guiding pieces each having a projection (652, fig. 3) extending inwardly onto an elastic plate (653, fig. 3) attached on a wall of the movable frame, the movable frame further includes two connecting beams (620, fig. 3) respectively pivot-connected to two guiding beams (621, fig. 3), the guiding beams being inserted into two opposite walls near the front end of the movable frame (62), the push rod (610) within the connecting tube is provided with a push head (66, fig. 4) at a front end thereof and extends through a front side of the positioning head (64), the push head having two lateral sides respectively pivot-connected to the connecting beams, the push head

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further including two press arms (661, fig. 4) respectively formed on an upper face and a lower face thereof for containing two clipping plates (662, fig. 4) therebetween, the clipping plates thereby forming a receptacle (663, fig. 4) for housing a zipper slider (92, fig. 4).


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hemant M Desai whose telephone number is (703) 308-5830. The examiner can normally be reached on 7:00 AM-5:30 PM, Mon-Thurs..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rinaldi I. Rada can be reached on (703) 308-2187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HMD

  
EUGENE KIM  
PRIMARY EXAMINER